



# Record of Modification to Documents Governing Field Activities Libby Asbestos Project

Form No. LFO-000158

**Instructions to Requester:** Email draft modification form to the contacts at bottom of form for review and approval. File approved copy with the CDM Quality Assurance Coordinator (QAC) at the Libby Field Office (LFO). The QAC will distribute approved copies and maintain the originals at the LFO.

Requester: Terry Crowell  
Company: CDM

Title: Project Scientist  
Date: December 2, 2010

Governing document (title and approved date) or SOP (title and SOP number): This modification applies to historic, current, and future weather station data collected in accordance with the following guidance documents at NOAA station LBBM8 in Libby, MT:

1. SAP for Activity-based Outdoor Air Exposures at OU4 (SRC, 7/6/07)
2. Libby Public Schools ABS SAP (CDM 7/17/09)
3. SAP for Supplemental Activity-based Sampling (ABS) at OU4 (CDM, 6/18/10)
4. Final SAP for Outdoor Ambient Air Monitoring at OU4 (Volpe, 12/7/06)
5. Final Revision 1 SAP for Outdoor Ambient Air Monitoring at OU4 (Volpe, 12/7/06)
6. Technical Memorandum for 2010 Outdoor Ambient Air Sampling at OU4 (CDM, 3/15/10)
7. Revision 1 Technical Memorandum for 2010 Outdoor Ambient Air Sampling at OU4 (CDM, 10/1/10)
8. OU5 Building Data Gap SAP (CDM, 11/2/07)
9. SAP for the MotoX Track at OU5 (Volpe, 8/19/08)
10. SAP for Recreational User Exposures at OU5 (SRC, 9/8/08)
11. SAP for Outdoor Worker Exposures at OU5 (SRC, 9/8/08)

Field logbook and page number where modification is documented (or attach associated correspondence):  
Not applicable

Description of modification (attach additional sheets if necessary; include revised text for all document or SOP sections affected by the modification): This purpose of this form is to clarify the correct location of NOAA weather station LBBM8. The correct coordinates for this location, which are inaccurately cited on NOAA's website, are:

Longitude	Latitude
-115.539080941	48.403632031

The accompanying map depicts the station's location.

Implication(s) of modification (if applicable, attach a list of affected property addresses or sample IDs): No negative implications associated with this modification are expected.



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Duration of modification (indicate one):

Temporary      Date(s): \_\_\_\_\_

**Permanent**      Effective Date: 12/7/06 (earliest date of guidance documents listed above)

Data Quality Indicator (indicate one; reference the definitions below for direction on selecting data quality indicators):

☒ Not Applicable

☐ Low Bias

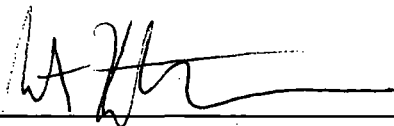
☐ High Bias

☐ Reject

☐ Estimate

☐ No Bias

EPA Review and Approval:  
(USEPA RPM or designate)



Date: 12/13/10

#### DATA QUALITY INDICATOR DEFINITIONS

**Reject** - Samples associated with this modification form are not useable. The conditions outlined in the modification form adversely effect the associated sample to such a degree that the data are not reliable.

**Low Bias** - Samples associated with this modification form are useable, but results are likely to be biased low. The conditions outlined in the modification form suggest that associated sample data are reliable, but estimated low.

**Estimate** - Samples associated with this modification form are useable, but results should be considered approximations. The conditions outlined in the modification form suggest that associated sample data are reliable, but estimates.

**High Bias** - Samples associated with this modification form are useable, but results are likely to be biased high. The conditions outlined in the modification form suggest that associated sample data are reliable, but estimated high.

**No Bias** - Samples associated with this modification form are useable as reported. The conditions outlined in the modification form suggest that associated sample data are reliable as reported.



An aerial photograph showing a landscape with a river in the lower-left, a road running diagonally from the top-right to the bottom-right, and several large, irregularly shaped areas outlined in red. These red-outlined areas represent property boundaries. The terrain is mostly covered in dense green forest, with some cleared, sandy or light-colored patches. The text '1263 Highway 37 N' is overlaid in red on a forested area in the upper-middle part of the image.

**1263 Highway 37 N**

XX-001242  
1263 MT HIGHWAY 37

A small blue dot is located on the road, just below the text '1263 MT HIGHWAY 37'.